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From: Guria, Peter
Sent: Thur 9/3/2015 11:09:29 PM
Subject: R9 8/25 Surface Water Data and 8/26 & 8/27 Sediment Data To Load
[R09 Sediment Summary Table 08312015.xlsx](#)
[R09 Sediment Summary Table 09012015.xlsx](#)
[R09 SurfaceWater Summary Table 09012015.xlsx](#)

Attached please find validated data on metals concentrations in San Juan River surface water samples collected on 8/25/15 & validated data on metals concentrations in the San Juan River for sediment samples dated 8/26 and 8/27. The data has been evaluated and is ready for posting.

Human Health Screening:

The reported concentrations on metals in San Juan River sediment from the 26 and 27 Aug 2015 were compared to the health-based screening levels for a 64-day recreational exposure developed by R8 for this incident. **All metals in San Juan River sediment concentrations were below the recreational sediment screening levels.**

The reported dissolved and total concentrations on metals in surface water from 25 Aug 2015 were compared to the health-based screening levels for a 64-day recreational exposure developed by R8 for this incident; the dissolved metals concentrations were also compared to federal MCLs. **All metals concentrations in San Juan River surface water were below the recreational surface water screening levels for dissolved metals concentrations met (were below) federal MCLs.**

Navajo Nation Agricultural & Livestock Screening Levels:

The reported dissolved and total concentrations on metals in surface water were also compared to current Agricultural and Livestock Watering screening levels developed by the Navajo Nation Water Quality Program. **All metals concentrations in San Juan River surface water on 25 Aug 15 were below applicable Navajo Nation Agricultural and Livestock water screening levels.**

Review of the validated data on metals concentrations in San Juan River sediment data from

8/26/15 revealed that **all metals in San Juan River sediment concentrations did not exceed the available benchmarks (NRWQC) for ecological receptors.**

Peter Guria, Deputy Incident Commander

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